

REMARKS

Claims 1-26 are now in this application. The Applicants respectfully request reconsideration of the present application and the allowance of claims 1-26.

Claims 11 and 20 were rejected under 35 U.S.C. § 112, second paragraph, as being indefinite. The Examiner has indicated that the use of the trademark/tradename Infiniband in these claims renders the claims indefinite. The Applicants respectfully submit that the use of this term in claims 11 and 20 is to limit the scope of the claimed subject matter to indicate that it is compliant with the Infiniband specification. The claim language is not attempting to recite subject matter of a product that is identified with an “Infiniband” trademark. It is merely definitely indicating subject matter that is compliant with the Infiniband specification. This is a clear definition of the claimed subject matter since one of ordinary skill in the art would be able to determine what is compliant with or not compliant with the Infiniband specification.

The Examiner has asserted that “said ME instruction” at claim 9, line 5 lacks proper antecedent basis. However, the Applicants respectfully point out that antecedent basis for this term is provided at claim 9, lines 3-4 (“an ME instruction”). Other antecedent basis issues identified by the Examiner have been overcome by the amendment set forth above.

Therefore, for all the above reasons, withdrawal of the rejection under 35 U.S.C. § 112, second paragraph is respectfully requested.

Claims 1, 8-12, 19 and 20 were rejected under 35 U.S.C. § 102(b) as being clearly anticipated by Gaddis et al. (U.S. Patent No. 5,457,681). The Applicants respectfully traverse this rejection based on the following remarks.

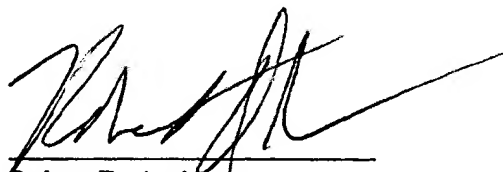
The Gaddis et al. patent relied upon by the Examiner discloses an ATM-Ethernet portal/concentrator that permits a transparent interconnection between Ethernet segments over an ATM network to provide remote connectivity for Ethernet segments. The Applicants respectfully submit that the Gaddis et al. patent does not disclose or even suggest at least the claimed feature of a Micro-Engine (ME) implemented with a pipelined execution architecture to handle one or more ME instructions and/or more tasks to process data for data transfers. The Examiner has relied upon column 5, lines 5-9 of the Gaddis et al. patent to disclose this feature. However, this section of the Gaddis et al. patent merely discloses off the shelf components that may be included in the described system. Gaddis et al. does not disclose or suggest a pipelined execution architecture that handles one or more ME instructions and/or more tasks to process data for data transfers. Therefore, withdrawal of the rejection under 35 U.S.C. § 102(b) is respectfully requested.

In view of the foregoing, the application is considered to be in condition for allowance. Early notification of the same is earnestly solicited. If there are any questions regarding the present application, the Examiner is invited to contact the undersigned attorney at the telephone number listed below.

Respectfully submitted,

November 4, 2004

Date

A handwritten signature in dark ink, appearing to read 'Robert D. Anderson', written over a horizontal line.

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